

Clean Version of Pending Claims 1-7

661  
1 (Amended). An interface for association with an electrode structure which, in use, is deployed in contact with a tissue region, the interface comprising  
a sensor associated with the electrode structure to monitor a surface tissue temperature condition of tissue heated by the electrode,  
an input adapted to be attached to the sensor,  
a display screen, and  
an operating system to generate viewable images on the display screen, the viewable images comprising an idealized image of the electrode structure and a second image that displays changes in the monitored surface tissue temperature over time.

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2 (New). An interface as in claim 1  
wherein the second image comprises a numeric display of surface tissue temperature magnitude.

3 (New). An interface as in claim 1  
wherein the second image comprises a color display that varies according to relation of the surface tissue temperature condition to prescribed criteria.

4 (New). An interface as in claim 1, further comprising  
a data output to process to process the monitored surface temperature condition as data for storage or manipulation.

5 (New). An interface as in claim 4  
wherein the data output communicates with a storage medium to save the data.

6 (New). An interface as in claim 4  
wherein the data output communicates with a printer to print the data.

7 (New). An interface as in claim 1  
wherein the viewable images on the display screen include an animated image.